Amendments to the Claims:

Claims 1-11, 13-18, and 23 are pending in this application. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A method of providing data, said method comprising:

storing a first set of encryption data associated with a first data stream; encrypting a first data stream having said first-level-of-encryption;

sending said first data stream to a destination device for decryption;

storing a second set of encryption data associated with a second data stream;

encrypting the second data stream having a second-level-of-encryption, said first-level-of-encryption being different from said second-level-of-encryption;

utilizing a common memory to encrypt said first data stream at said first-level-of-encryption and to encrypt said second data stream at said second-level-of-encryption;

sending said second data stream to said destination device for decryption.

- 2. (original) The method as described in claim 1 wherein said first set of encryption data comprises at least one encryption key.
- 3. (Previously presented) The method as described in claim 1 -wherein said destination device comprises a set-top box.
- 4. (original) The method as described in claim 3 and further comprising storing a plurality of decryption algorithms at said set-top box.

5. (original) transmitting a first number of services in said first data stream; and transmitting a second number of services in said second data stream, said second number of services being different from said first number of services.

The method as described in claim 1 and further comprising:

- The method as described in claim 1 wherein said first-level of 6. (original) encryption utilizes the Data Encryption Standard and wherein said second-level-of-encryption utilizes an encryption algorithm different from said Data Encryption Standard.
 - The method as described in claim 1 and further comprising: 7. (original) decrypting said first data stream at said set-top box; and decrypting said second data stream at said set-top box.
- The method as described in claim 1 and further comprising storing 8. (original) a portion of said first set of encryption data in RAM.
- The method as described in claim 1 and further comprising storing 9. (original) a portion of said first set of encryption data in a register of a microprocessor.
 - A cryptography circuit comprising: 10. (Currently amended)

a memory operable to store a first set of encryption data for - an incoming data stream;

a reconfiguration circuit operable to reconfigure said memory such that said memory stores a second set of encryption data different from said first set of encryption data for use in encrypting said incoming data stream;

a second memory to store data for a plurality of encryption algorithms.

- 11. (original) The cryptography circuit as described in claim 10 wherein said reconfiguration circuit is triggered by a change in the encryption of said data stream.
 - 12. (Cancelled)
- 13. (original) The cryptography circuit as described in claim 10 wherein said reconfiguration circuit comprises:

code means for storing a second set of encryption data; and code means for implementing an encryption algorithm.

14. (Currently amended) A method of allocating resources comprising:

allocating a memory with a first set of decryption data corresponding to a first-level-of-encryption;

receiving via an originating source a first data stream having said first-level-of-encryption;

re-allocating said memory with a second set of decryption data corresponding to a second-level-of-encryption said second-level-of-encryption being different from said first-level-of-encryption of said first data stream; and

receiving via said originating source a second data stream having said second-level-of-encryption

storing in memory said first set of decryption data corresponding to a first level of encryption and said second set of decryption data corresponding to said second level of encryption.

- 15. (original) The method as described in claim 14 and further comprising detecting that said second-level-of-encryption of said second data stream is different from said first-level-of-encryption of said first data stream.
- 16. (original) The method as described in claim 14 wherein said allocating a memory with a first set of decryption data corresponding to said first-level-of-encryption comprises storing decryption key data.
- 17. (original) The method as described in claim 16 wherein said re-allocating said memory with a second set of decryption data corresponding to said second-level-of-encryption comprises storing decryption key data.
- 18. (original) The method as described in claim 14 wherein said first data stream is comprised of a plurality of different services, each service encrypted at the same level of encryption.
 - 19-22 Cancelled.
 - 23. (original) A method of providing encrypted data, said method comprising: providing a first set of services;

encrypting at least one of said services from said first set of services at a first-level-of-encryption;

combining the first set of services into a first data stream;

transmitting from a headend to a set-top box said first data stream;

storing a first set of decryption keys associated with said first-level-of-encryption in an integrated circuit in said set-top box, said first set of keys corresponding to the decryption algorithm for the first-level-of-encryption;

decrypting said first data stream;

providing a second set of services;

encrypting at least one of said services from said second set of services with an encryption algorithm different from said first-level-of-encryption;

combining the second set of services into a second data stream;

formatting said second data stream;

transmitting from said headend to said set-top box said second data stream;

storing a second set of decryption keys associated with said second-level-of-encryption in said integrated circuit in said set-top box;

storing a plurality of decryption algorithms in said set-top box; and decrypting said second data stream.